

CLAIM AMENDMENTS

1. (currently amended): An immunocompromised transgenic rodent which is heterozygous for expression of a first fluorescent protein in all tissues except hair and erythrocytes and maintains an immunocompromised phenotype,

wherein said transgenic rodent is further modified to contain a tumor that expresses a second fluorescent protein that emits a wavelength different from that of the first fluorescent protein, and wherein said tumor grows in said live rodent for at least 10 weeks.

2. (original): The rodent of claim 1 which is a mouse.

3. (previously presented): The mouse of claim 2 which is a *nu/nu* mouse.

4-21. (canceled)

22. (previously presented): The rodent of claim 1 which is prepared by a process which comprises

first, crossing a rodent that expresses said first fluorescent protein by virtue of derivation from a fertilized egg provided with a transgenic expression system comprising a nucleotide sequence encoding said first fluorescent protein operatively linked to a promoter that effects said expression in all said tissues, which rodent is not immunocompromised

with a rodent that does not express the fluorescent protein and is immunocompromised to produce F1 offspring,

second, crossing those F1 offspring that express said first fluorescent protein in all tissues except hair and erythrocytes to obtain F2 offspring that express said first fluorescent protein and are immunocompromised;

third, crossing those F2 offspring that express said first fluorescent protein in all tissues except hair and erythrocytes and are immunocompromised with a rodent that does not express said first fluorescent protein and is immunocompromised to obtain F3 offspring that are heterozygous for said expression of said first fluorescent protein and are immunocompromised;

modifying said F3 offspring to contain a tumor that expresses a second fluorescent protein that emits a wavelength different from that of the first fluorescent protein, thus producing rodents of claim 1.

23. (previously presented): The rodent of claim 22 which is a mouse.
24. (previously presented): The mouse of claim 23 which is a *nu/nu* mouse.